

0052/0" 25252960

FIGURE 1
(Prior Art)

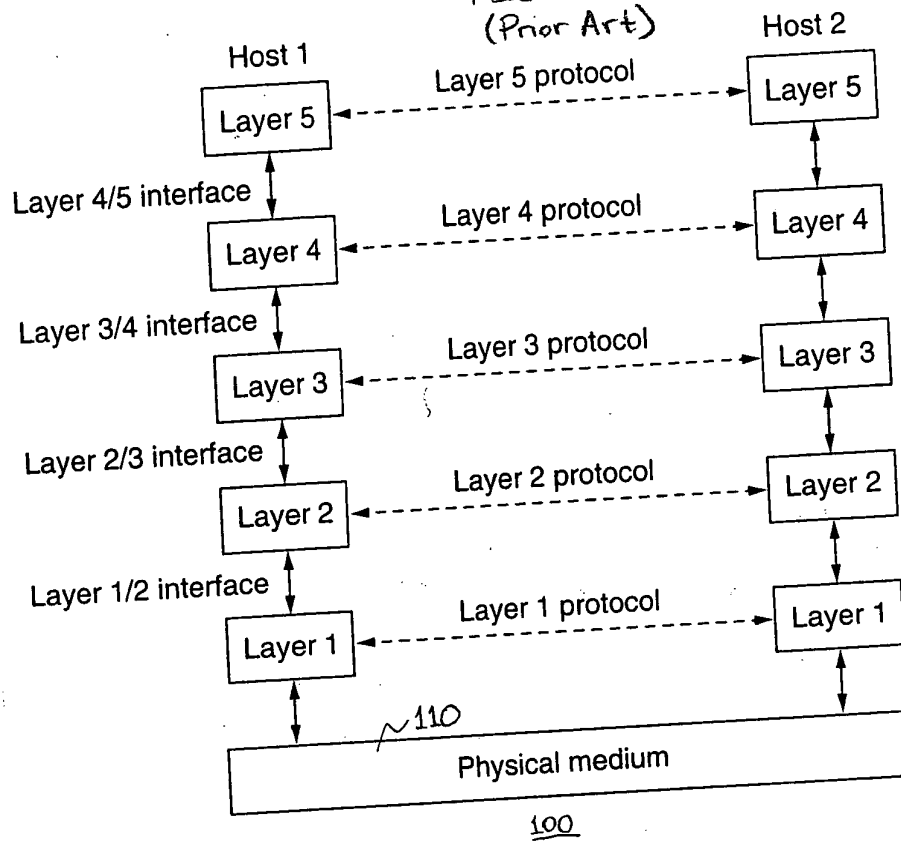


FIGURE 2
(Prior Art)

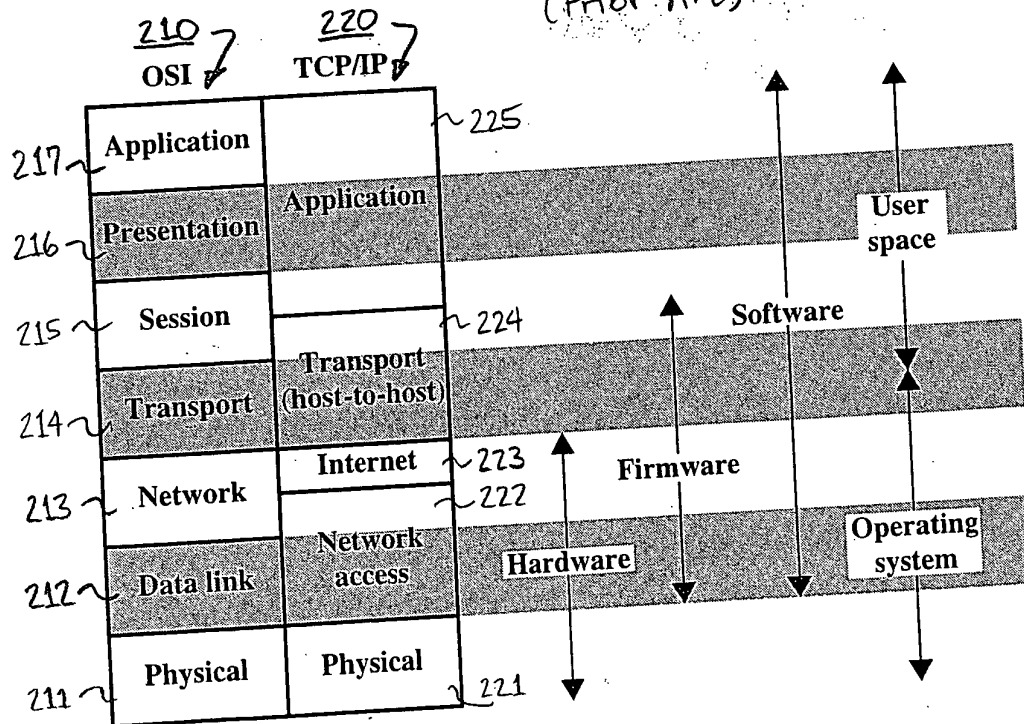
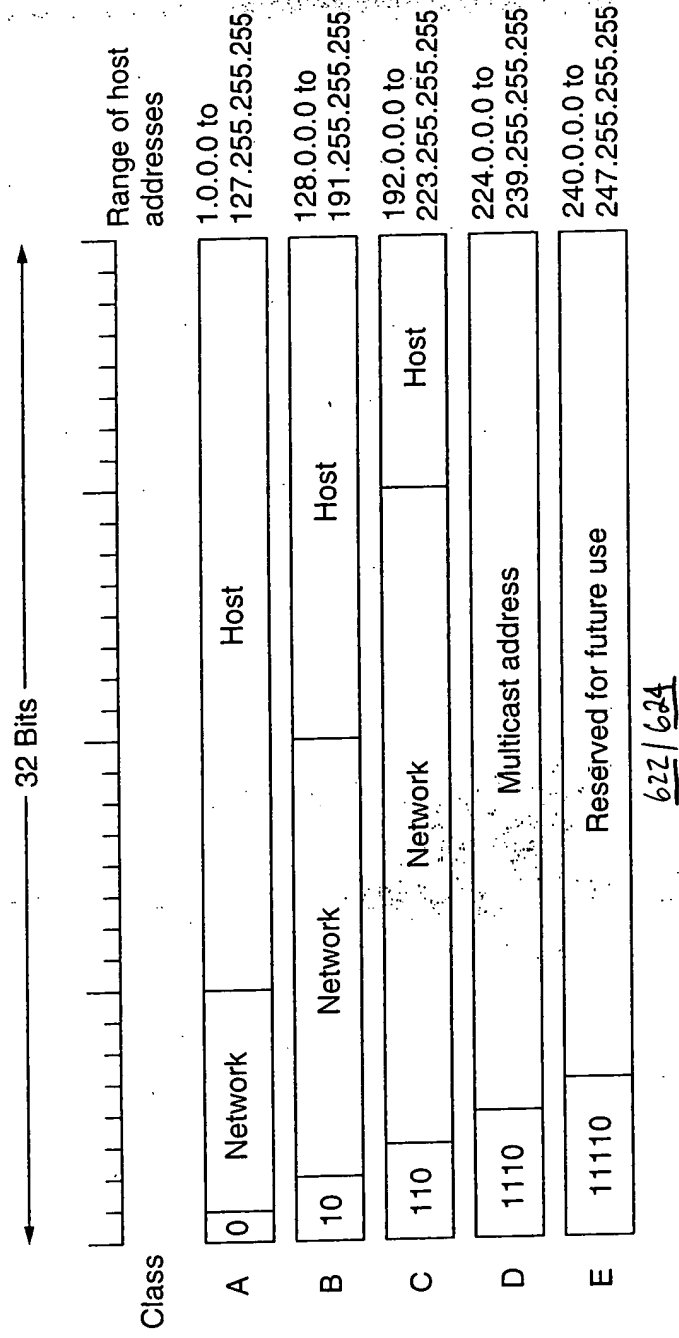


FIGURE 3
(Prior Art)



005220" 25252960

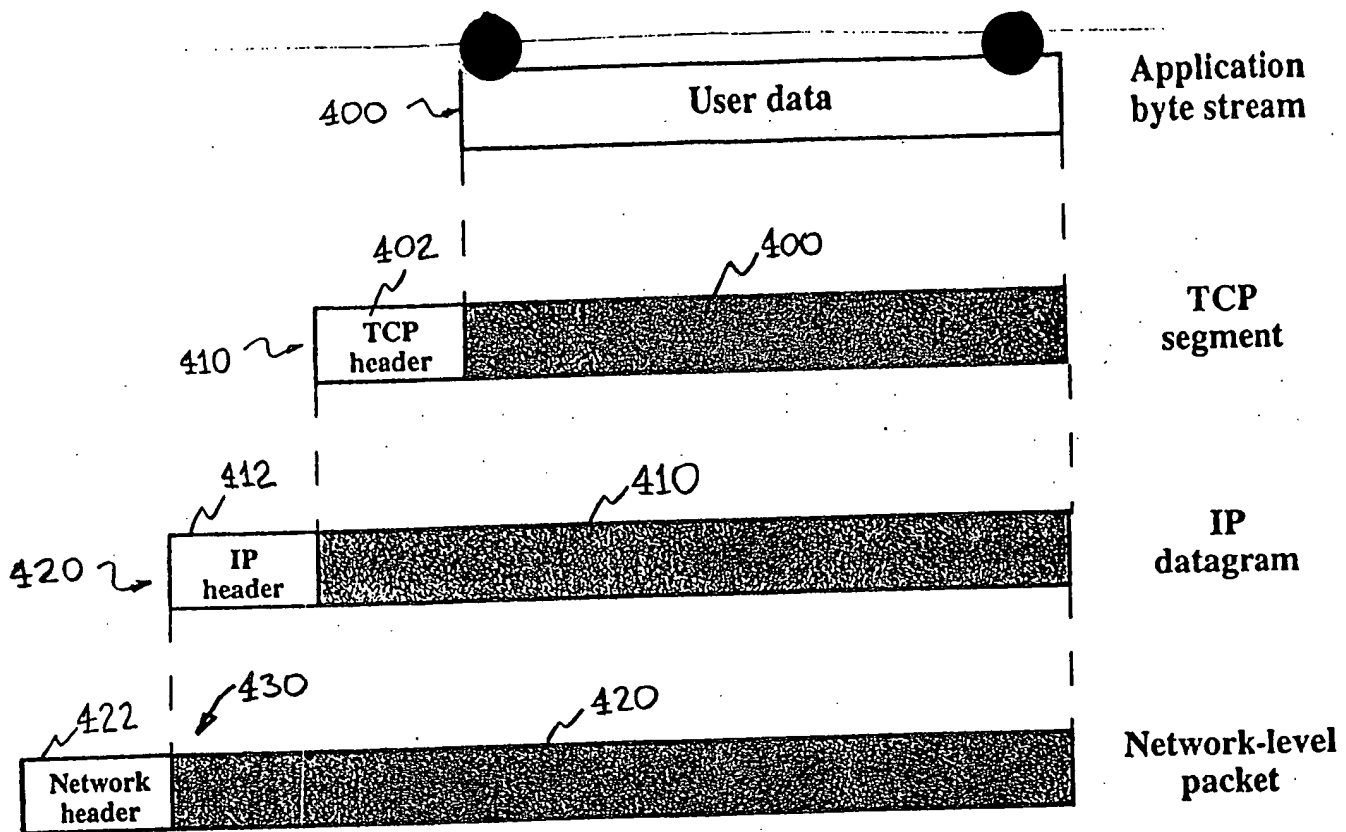


FIGURE 4
(Prior Art)

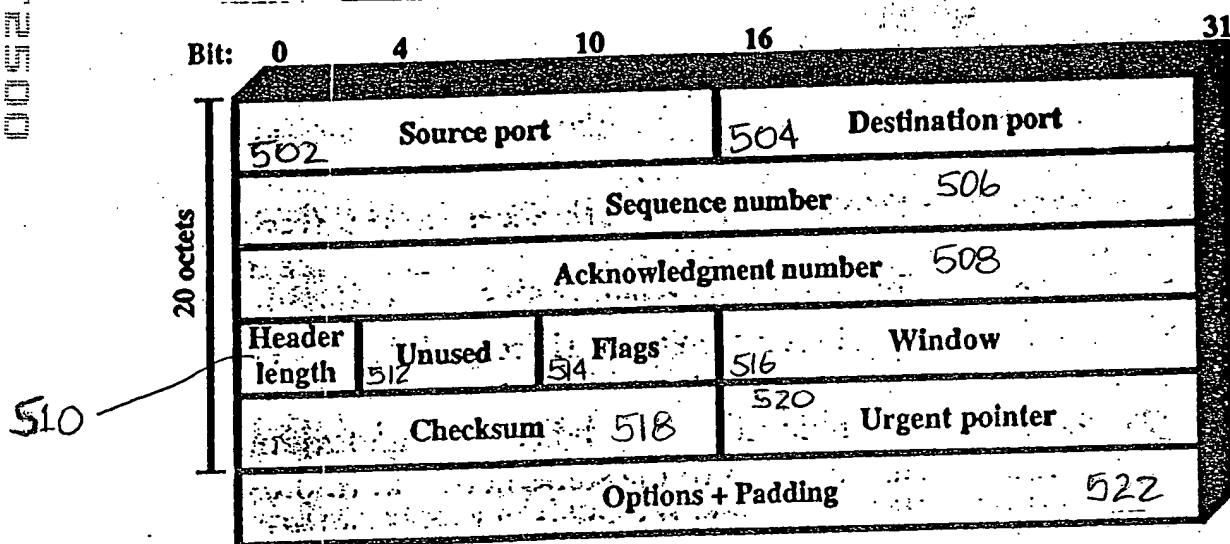


FIGURE 5
(Prior Art)

005270 25252960

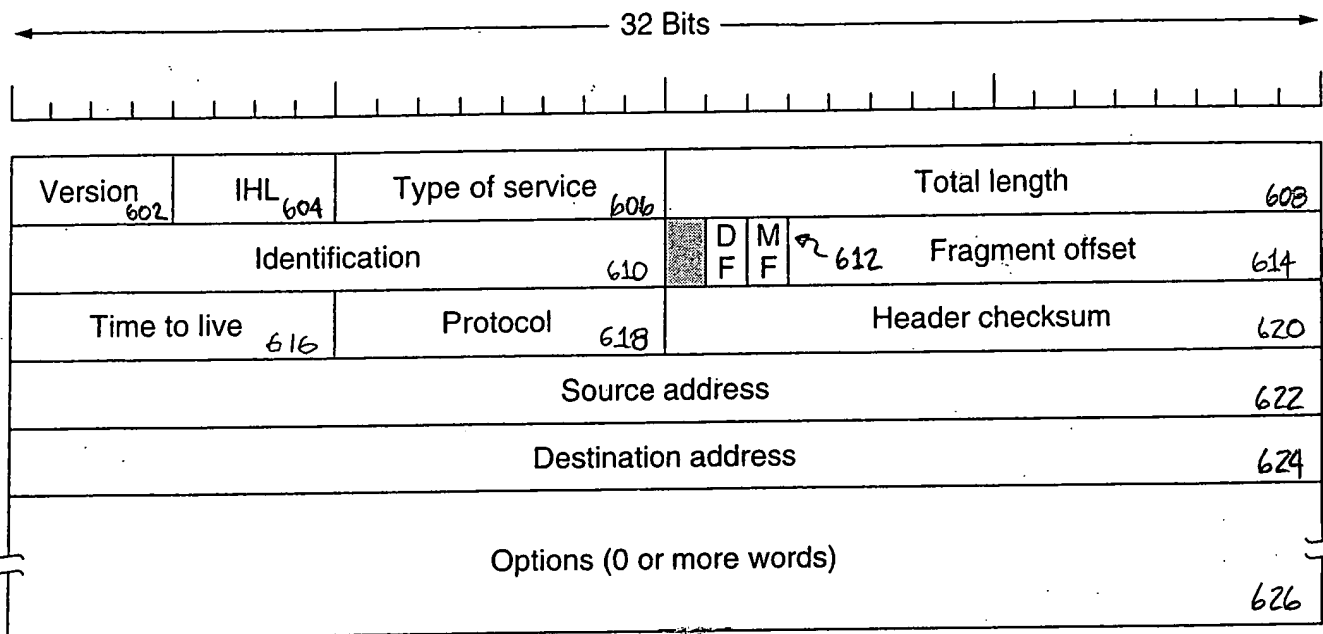


FIGURE 6A 412
(Prior Art)

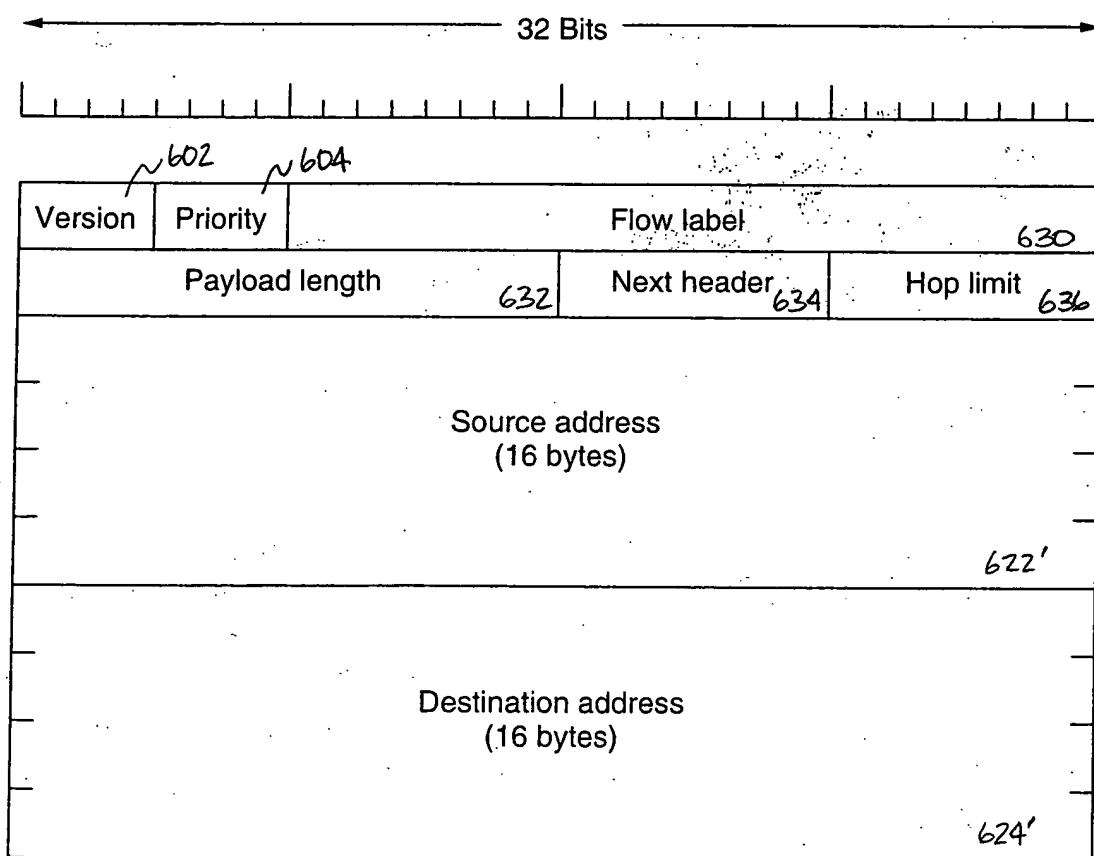


FIGURE 6B 412'
(Prior Art)

09625252.072500

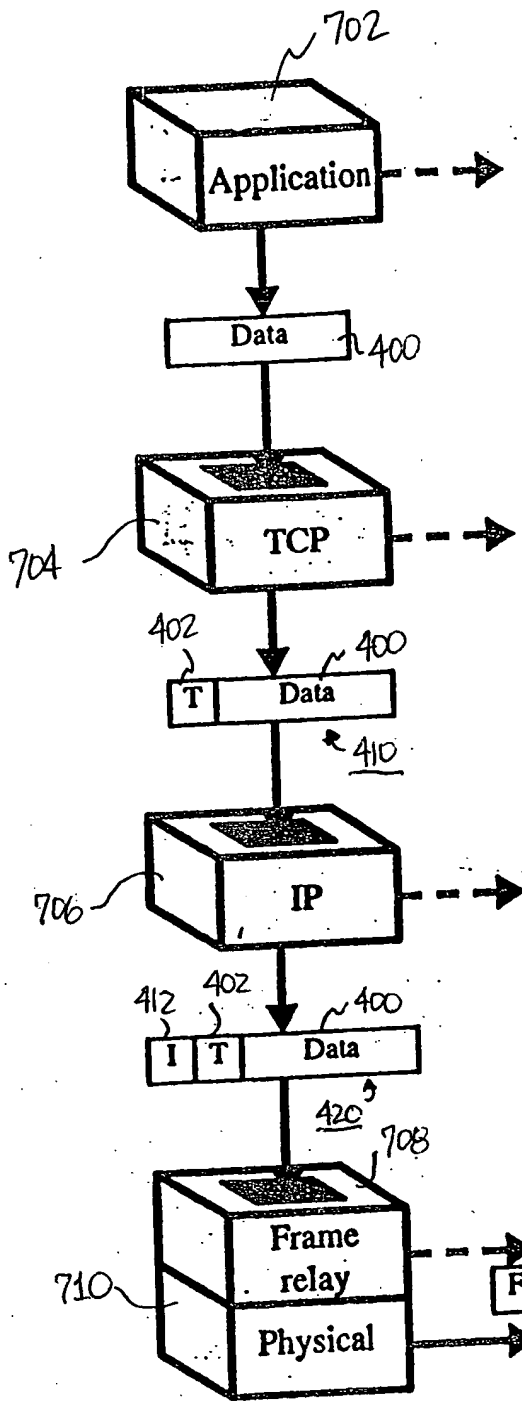


FIGURE 7

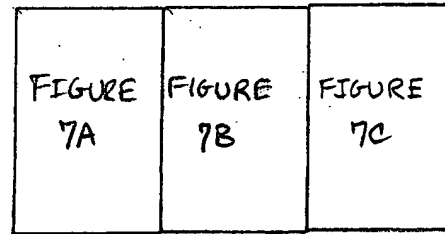


FIGURE 7A
(Prior Art)

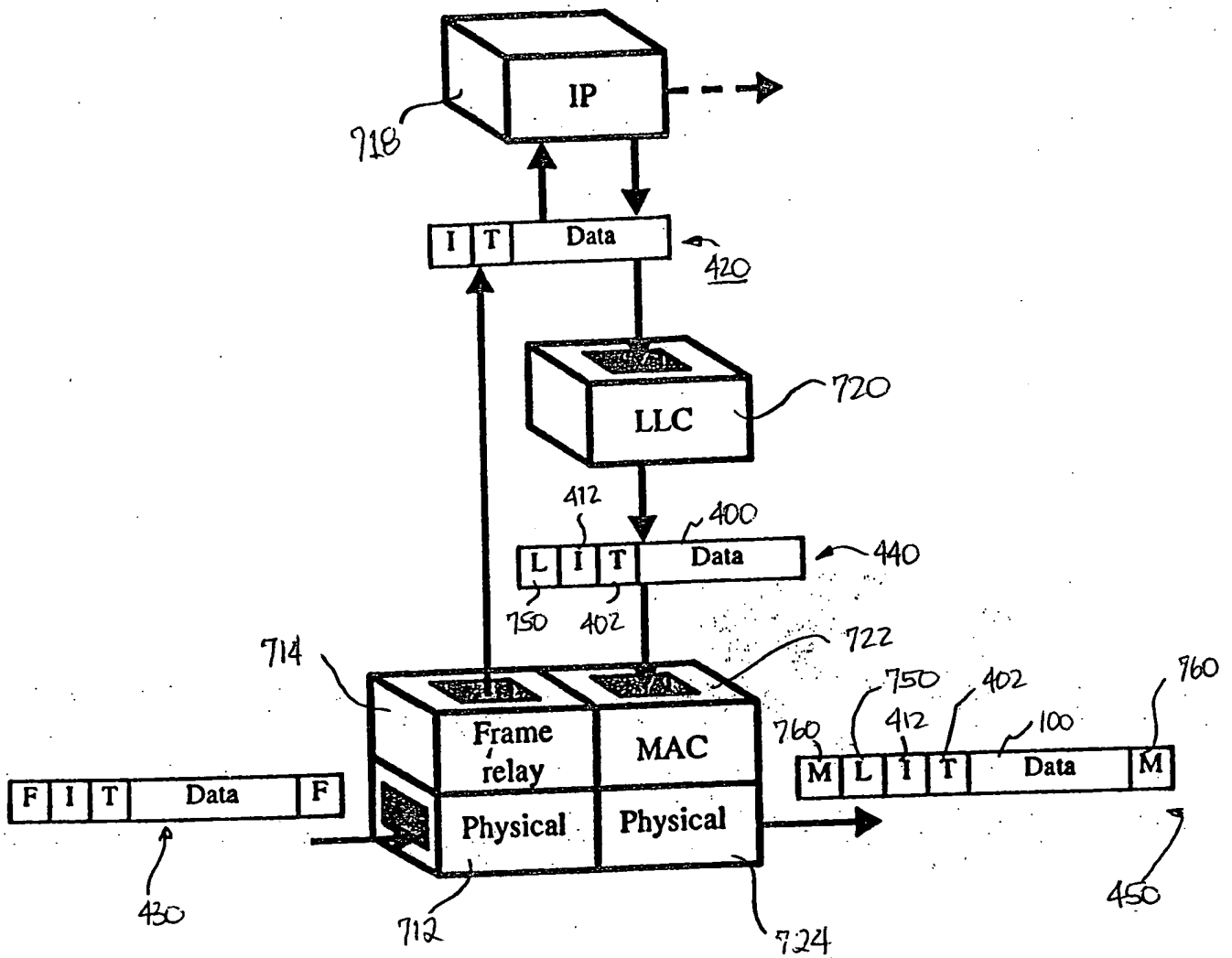
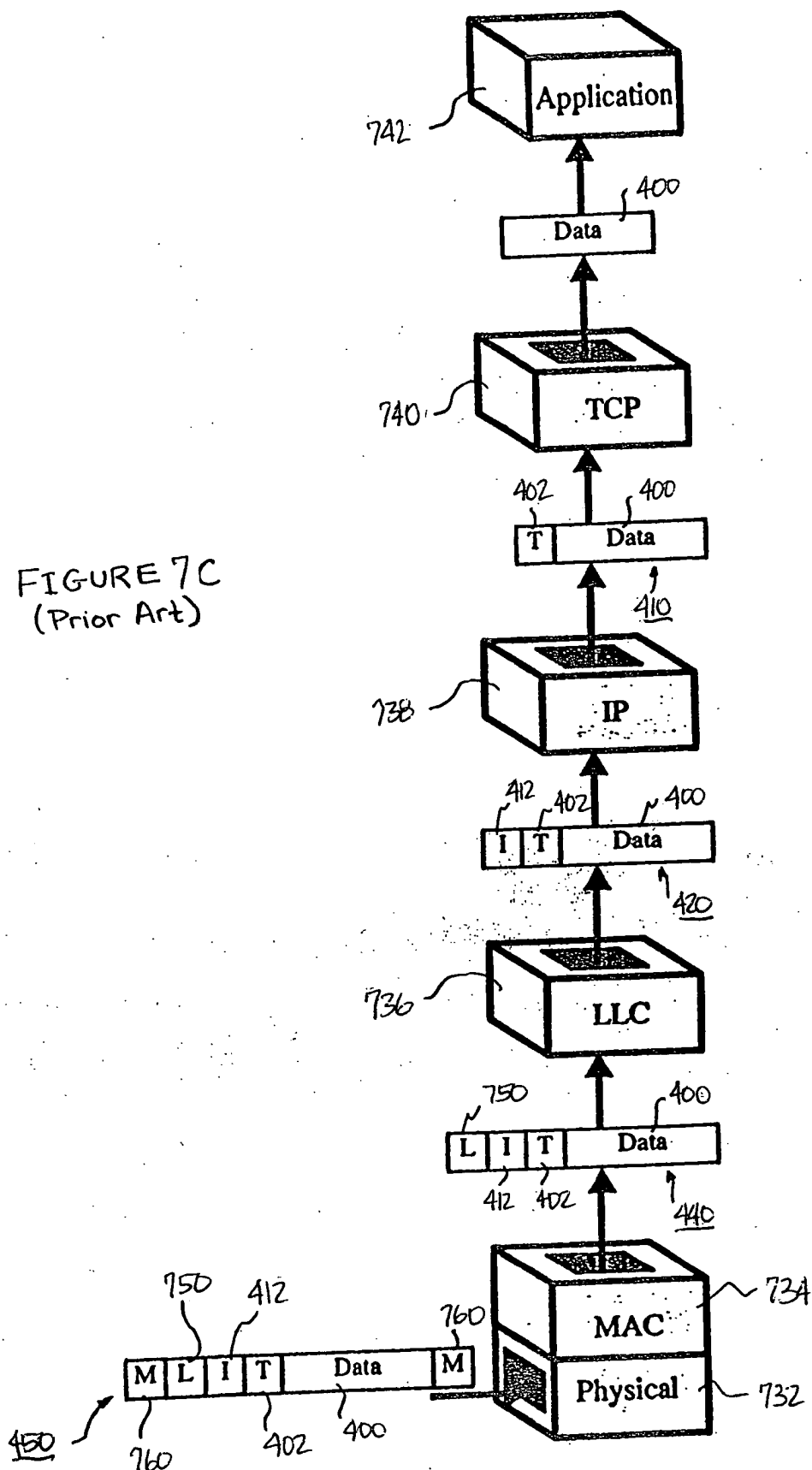


FIGURE 7B

005220.072500

FIGURE 7C
(Prior Art)



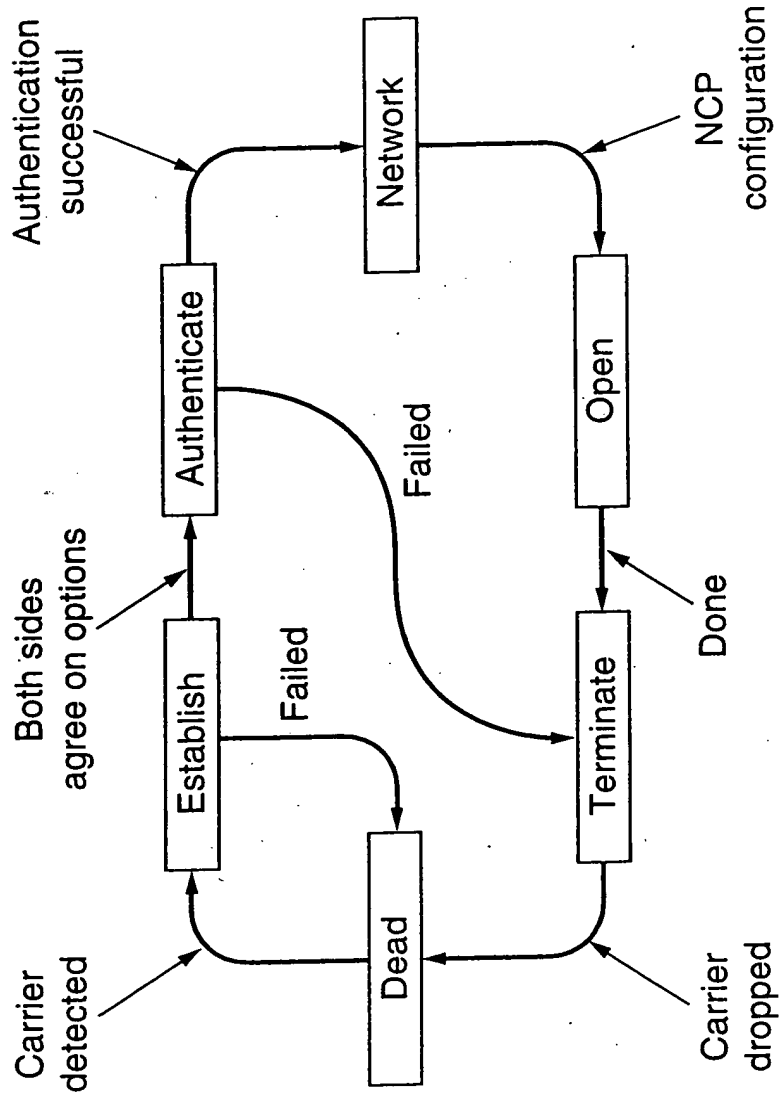
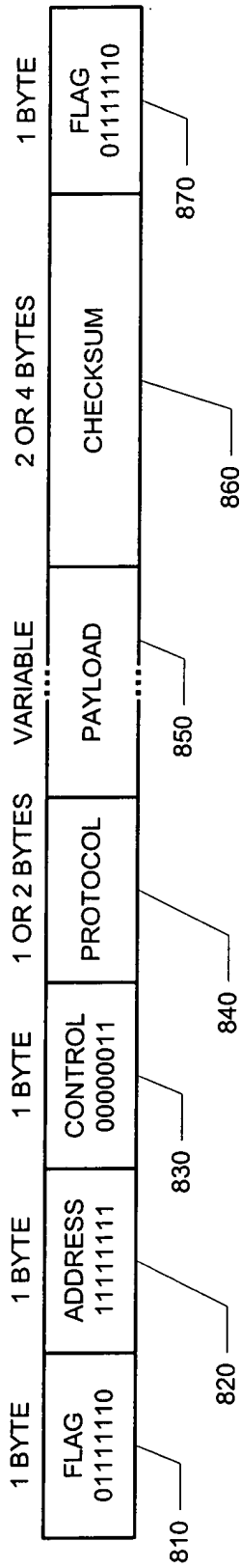
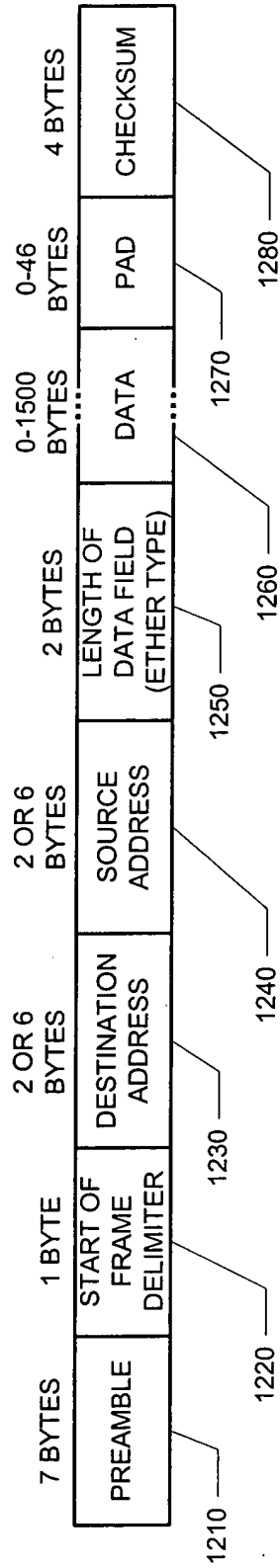


FIGURE 9
(Prior Art)



800

FIGURE 8
(PRIOR ART)



1200

FIGURE 12
(PRIOR ART)

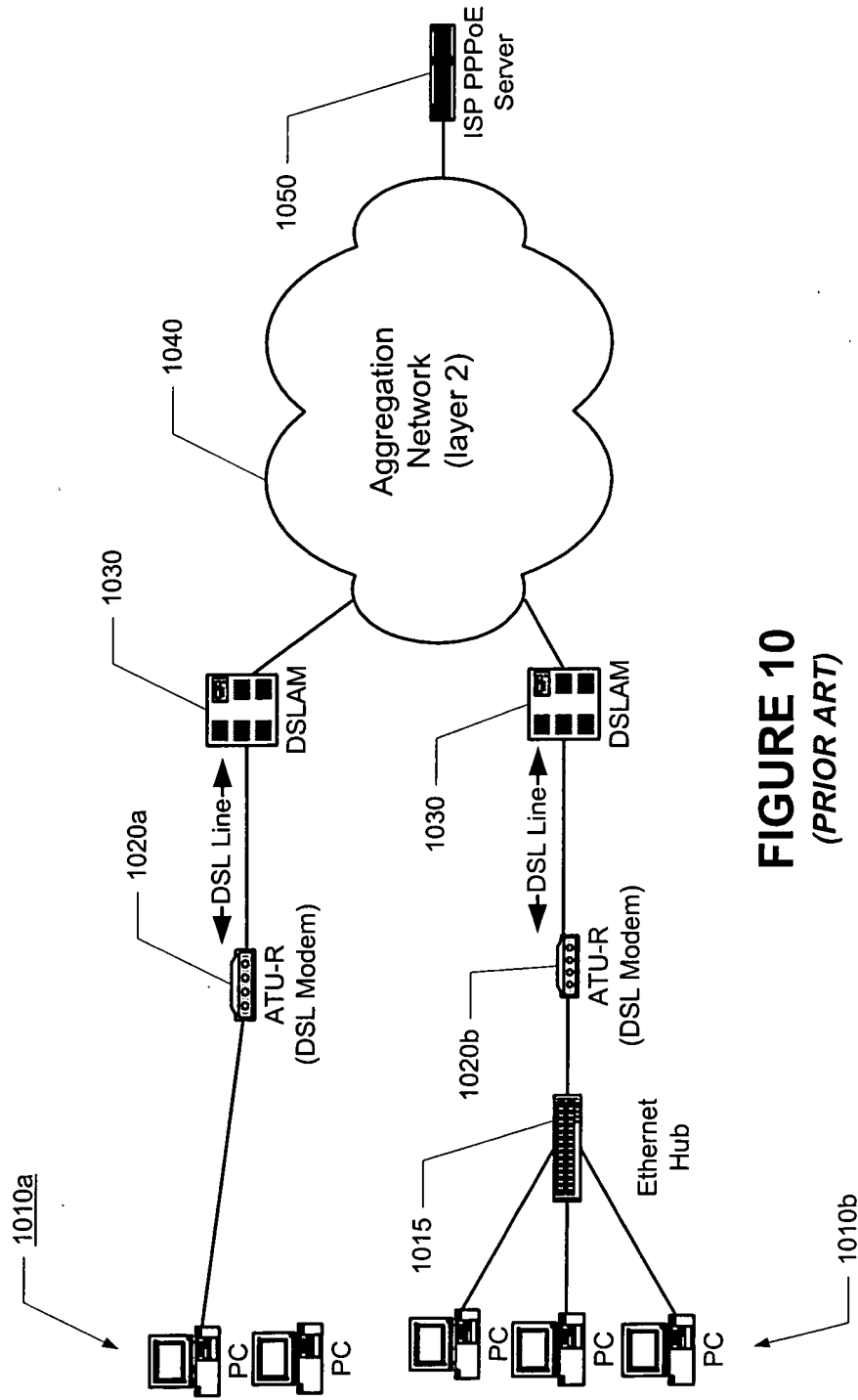


FIGURE 10
(PRIOR ART)

00520"29292960

0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 2 1 2 3 4 5 6 7 8 9 0 3 1

Oxfffffff	
Oxffff	HOST MAC ADDRESS
HOST MAC ADDRESS (CONTINUED)	
ETHER_TYPE = 0x8863	VERSION = 1 1310' TYPE = 1 1320' CODE = 0X09 1340'
SESSION ID = 0x0000	1350' LENGTH = 0x0004 1360'
TAG_TYPE = 0x0101	1370' TAG_LENGTH = 0x0000 1370"

FIGURE 11
(PRIOR ART)

005220" 25252960

0 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 2 1 2 3 4 5 6 7 8 9 3 1
0 0

VERSION 1310	TYPE 1320	CODE 1340	SESSION ID 1350
LENGTH 1360		PAYLOAD 1370	...

1260'

FIGURE 13
(PRIOR ART)

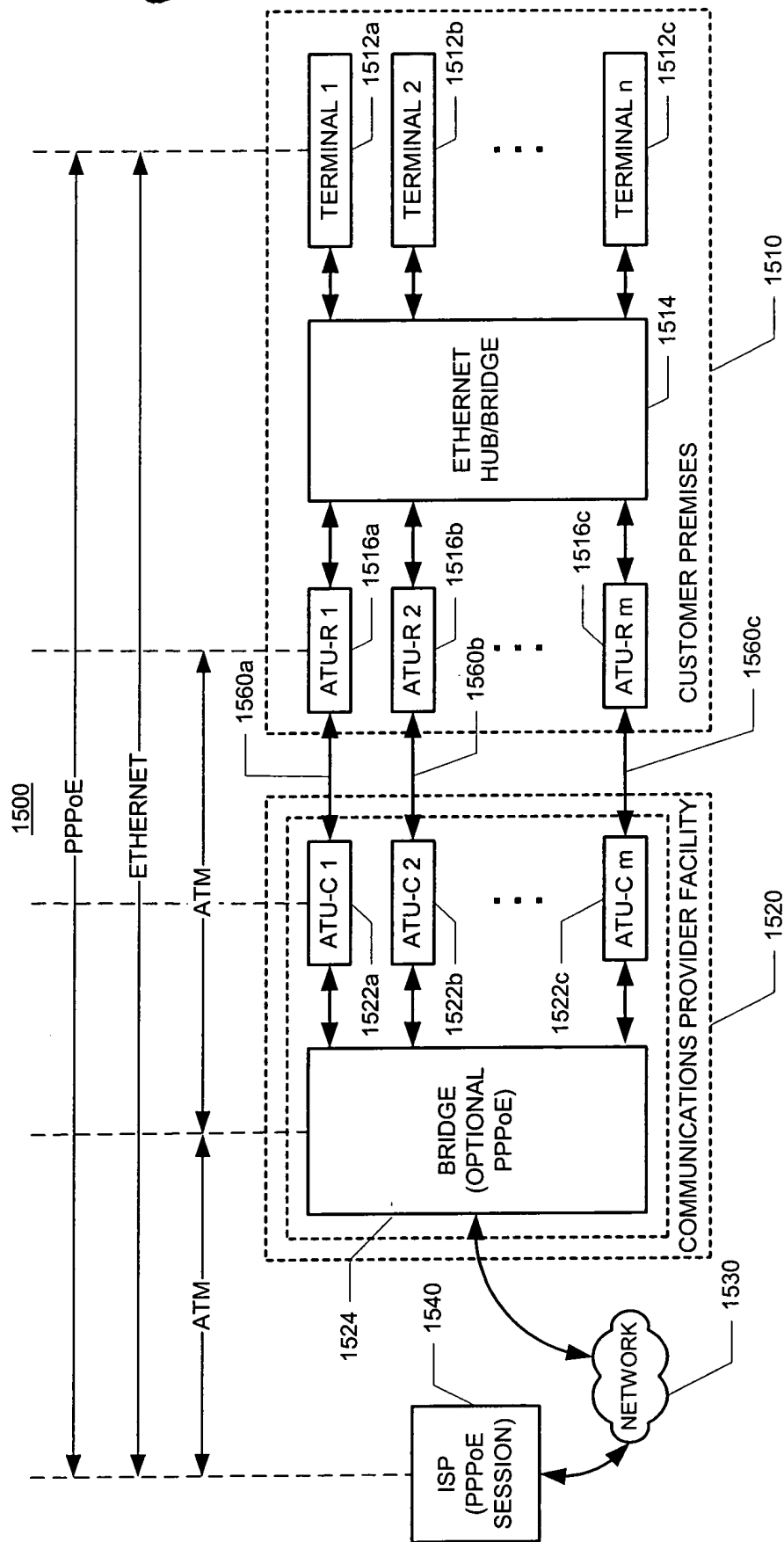
0 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 2 1 2 3 4 5 6 7 8 9 3 1
0 0

TAG_TYPE 1410	TAG_LENGTH 1420
TAG_VALUE 1430	...

1370'

FIGURE 14
(PRIOR ART)

FIGURE 15



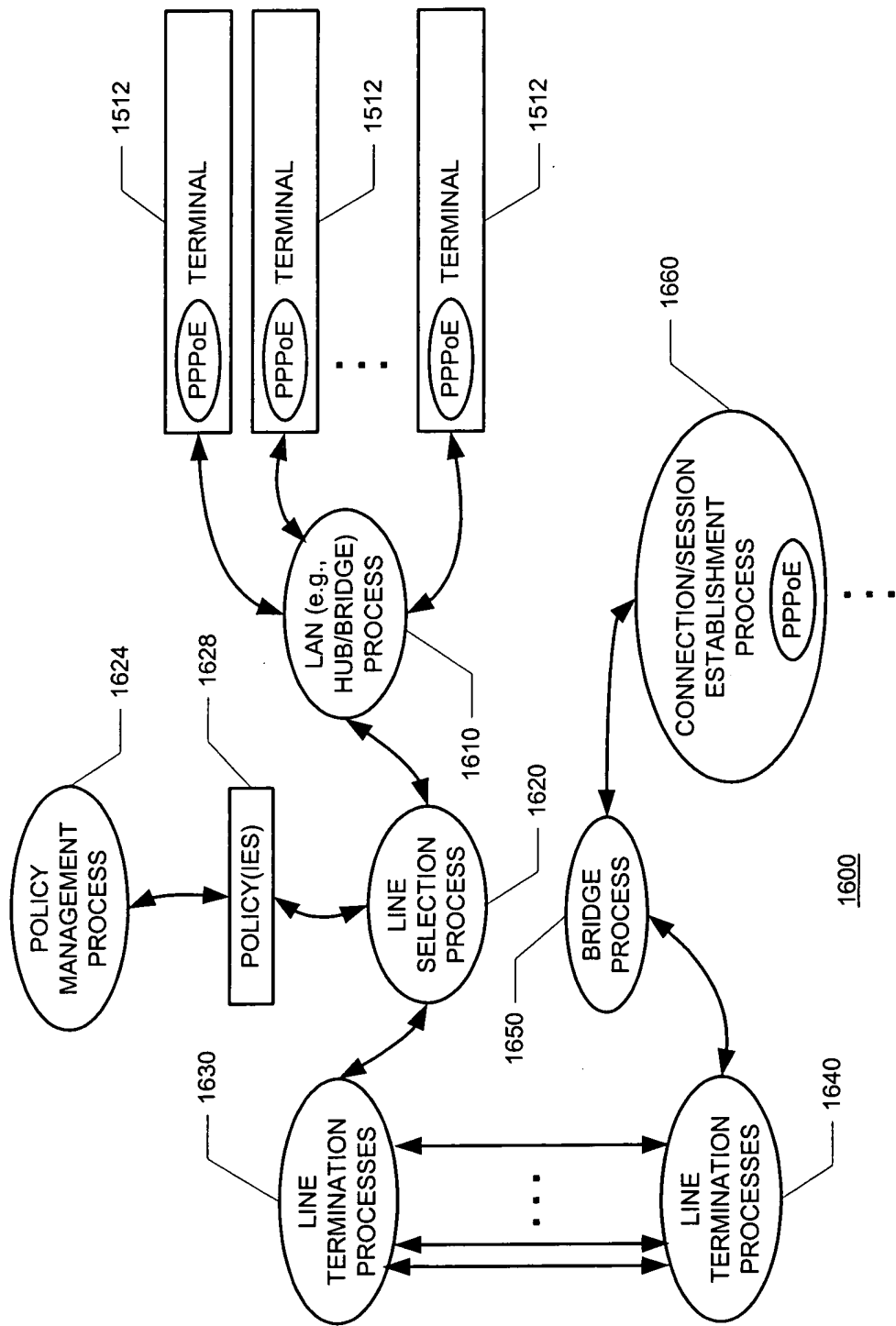


FIGURE 16

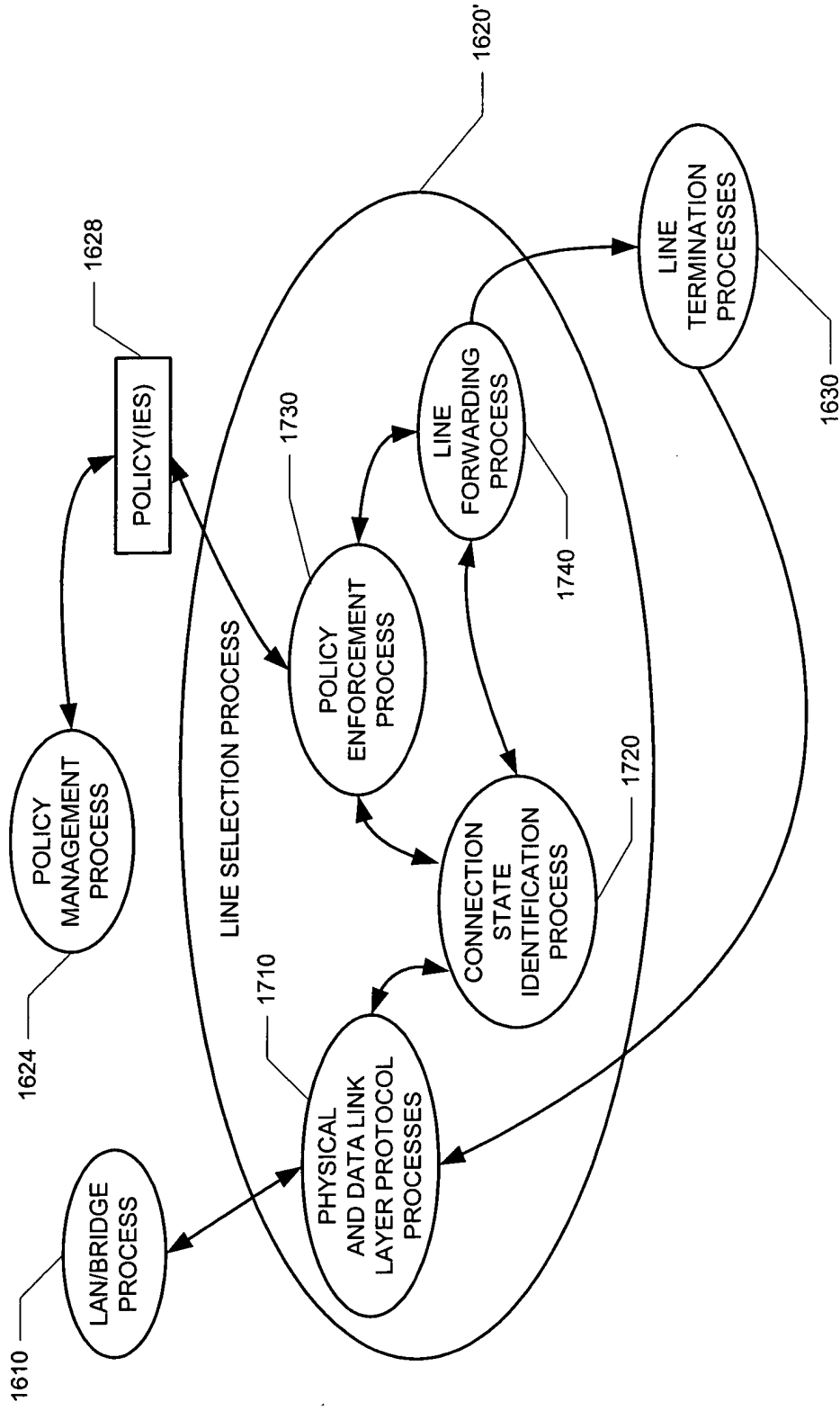


FIGURE 17

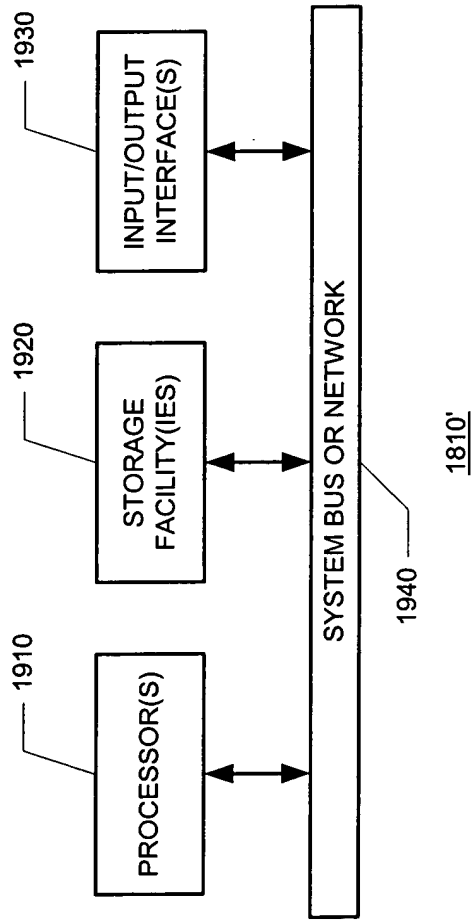
LINE	TERMINAL ID (e.g., MAC ADDRESS)	SESSION ID
DSL LINE 1	OPEN	NONE
DSL LINE 2	TERMINAL 1 48 BIT MAC ADDRESS	16 BIT SESSION ID
...
DSL LINE m	OPEN	NONE

2110

2120

2130

FIGURE 19



1810'

2100

FIGURE 21

LINE SELECTION
METHOD

1620'

FIGURE 20

TERMINATE
LAN LINE

2010

IDENTIFY CONNECTION STATE
(BASED ON PACKET OR FRAME)

2020

2030

IS
CONNECTION STATE
= REQUEST NEW
SESSION?

YES

2032

APPLY
POLICY(IES)

2034

SELECT
(ASSIGN)
LINE BASED
ON POLICY

2036

FORWARD
PACKET/
FRAME TO
ASSIGNED
LINE

2042

REPORT
ERROR

2040

IS
CONNECTION STATE
= EXISTING
SESSION?

NO

2056

FORWARD
PACKET/
FRAME TO
LINE
ASSIGNED
TO EXISTING
SESSION

2050

IS
CONNECTION STATE
= END
SESSION?

YES

2052

TERMINATE SESSION/
CONNECTION

2054

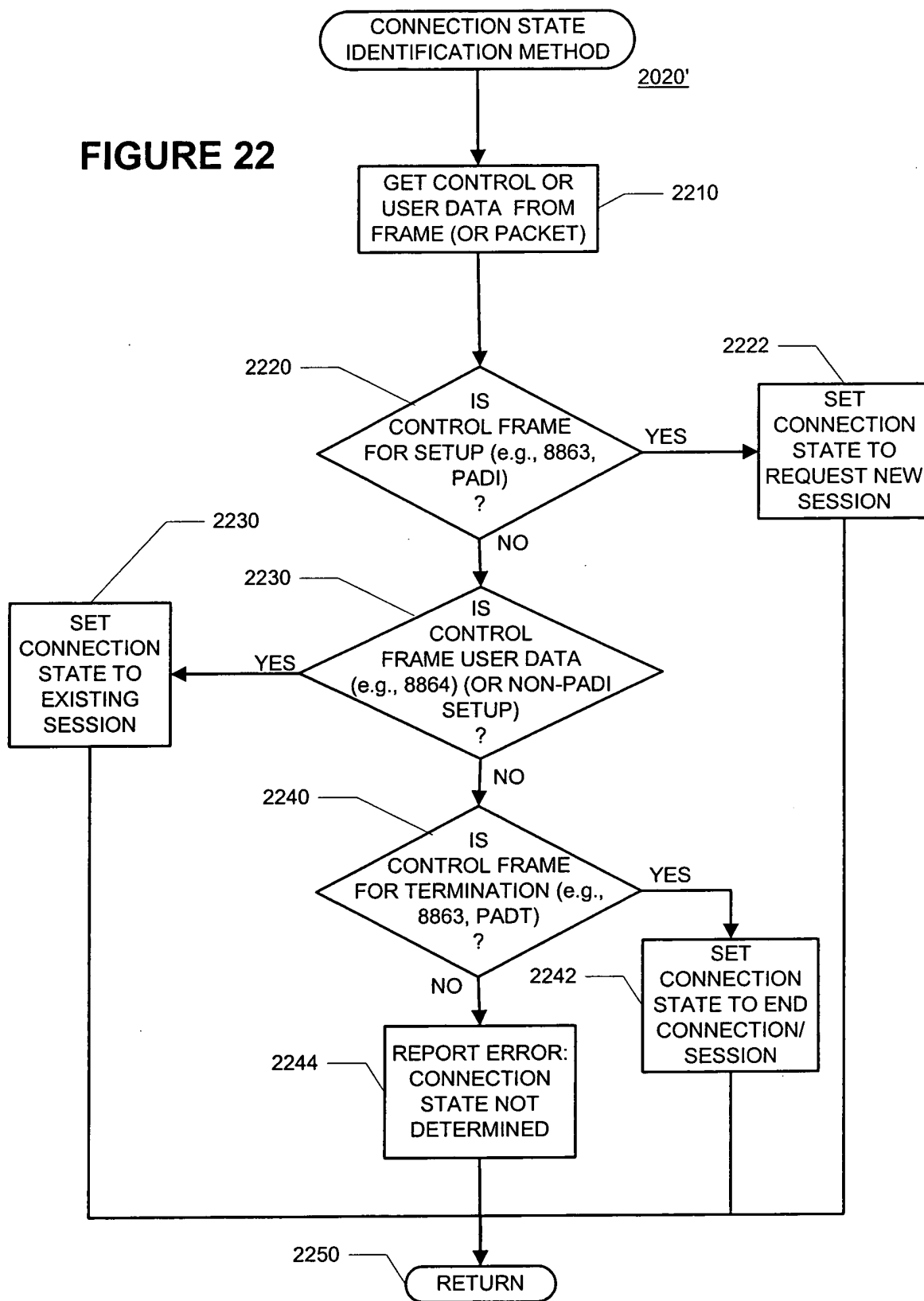
FREE LINE
ASSIGNED TO
SESSION

2060

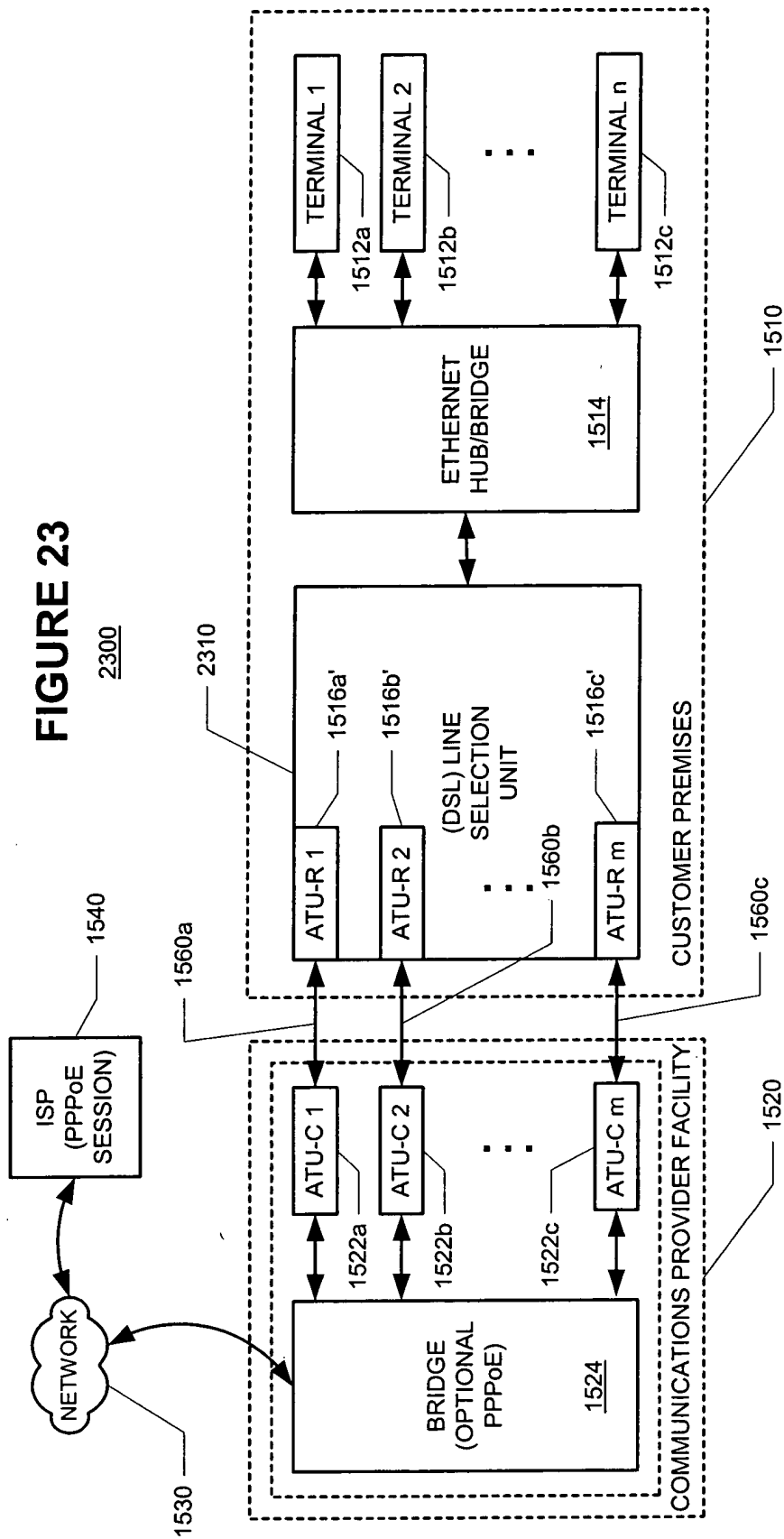
RETURN

005270" 25252950

FIGURE 22



005270" 25252950



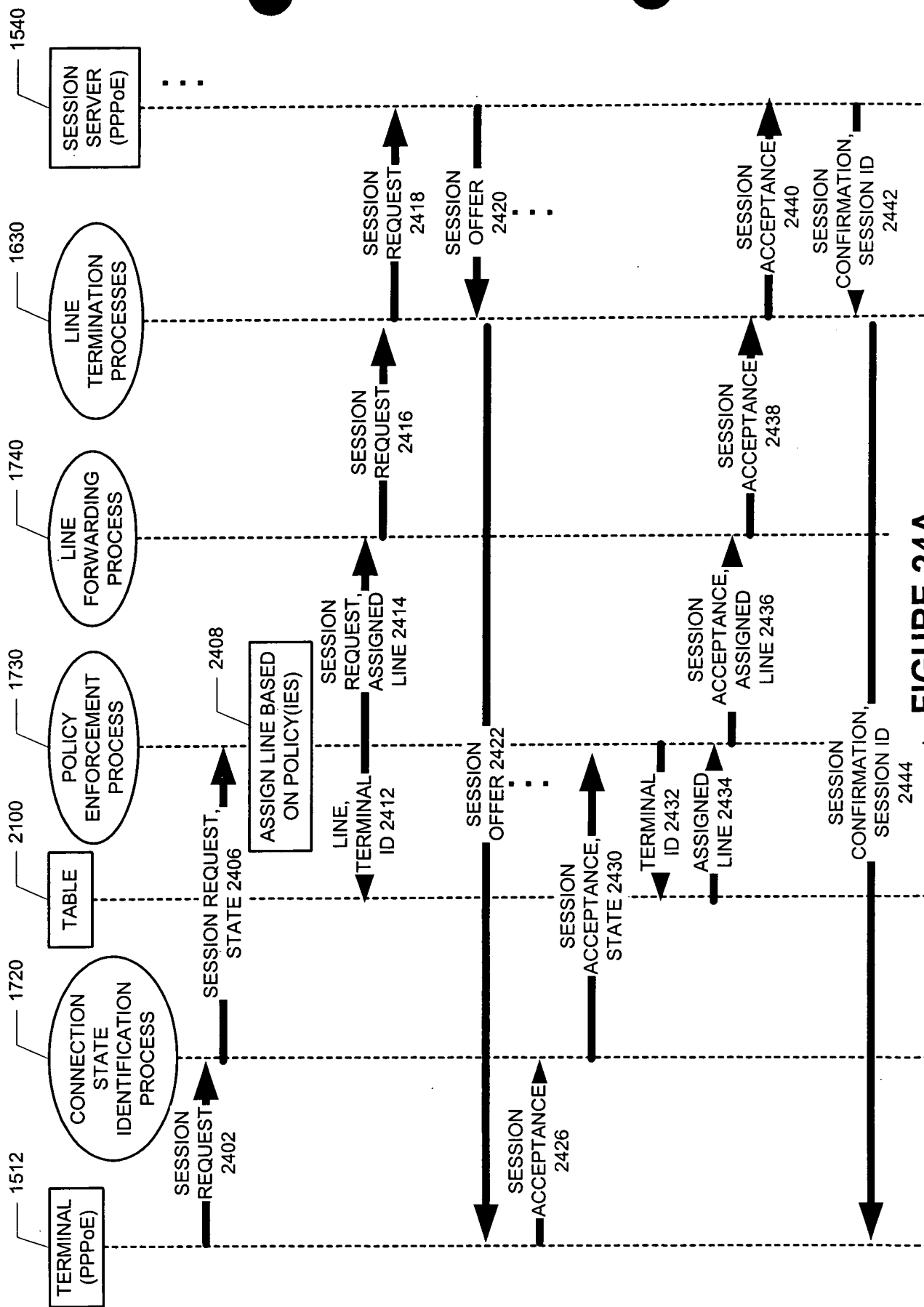


FIGURE 24A

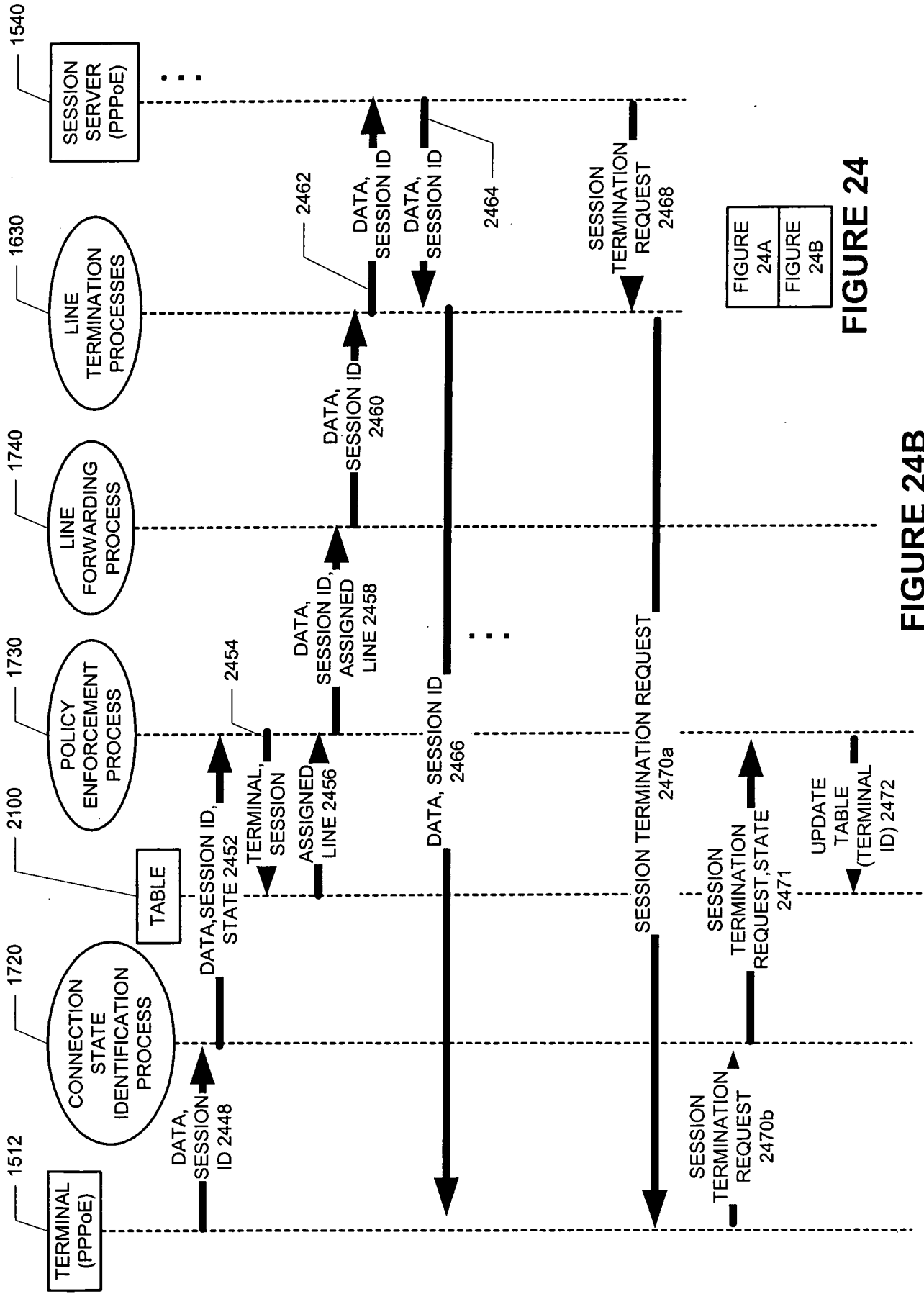


FIGURE 24B

FIGURE 24

FIGURE 24A
FIGURE 24B